

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	146	((takahiko same murata) or (takumi same yamaguti) or (toshiya same fujii) or (shigetaka same kasuga)).in.	US-PGPUB; USPAT	AND	ON	2010/04/26 17:37
L2	10	1 and (pixel adj mixture)	US-PGPUB; USPAT	AND	ON	2010/04/26 17:38
L16	22	((selection near2 signal) with (order) with transmission).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2010/04/26 17:52
L17	13	((selection near2 signal) with (order) with transmission) same pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2010/04/26 17:53
L18	41	(pixel adj mixture) with second	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2010/04/26 17:55
L19	15	18 and @ad< "20030730"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2010/04/26 17:55
S1	111	(348/266).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/01/22 09:40
S2	951	(348/272,273,277,280,281).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/01/18 15:16
S3	673	S2 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2008/01/19 11:12
S4	197	S3 and (color and register)	US-PGPUB; USPAT	AND	ON	2008/01/18 16:03
S5	42	(348/283).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/01/18 16:03
S6	40	S5 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2008/01/18 16:08
S7	30	S6 and (color and register)	US-PGPUB; USPAT	AND	ON	2008/01/18 16:08
S8	892	(348/294).CQLS.	US-PGPUB; USPAT	OR	OFF	2008/01/18 16:08

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S9	530	S8 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2008/01/18 16:20
S10	88	S9 and (color and register)	US-PGPUB; USPAT	AND	ON	2008/01/18 16:20
S11	82	S10 not (S4 or S7)	US-PGPUB; USPAT	AND	ON	2008/01/18 16:21
S12	675	(348/302-304).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/01/18 16:20
S13	559	S12 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2008/01/18 16:39
S14	129	S13 and (color and register)	US-PGPUB; USPAT	AND	ON	2008/01/18 16:39
S15	100	S14 not (S10 or S4 or S7)	US-PGPUB; USPAT	AND	ON	2008/01/18 16:39
S16	1208	(348/305,308).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/01/18 16:38
S17	735	S16 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2008/01/18 16:49
S18	131	S17 and (color and register)	US-PGPUB; USPAT	AND	ON	2008/01/18 16:49
S19	66	S18 not (S14 or S10 or S4 or S7)	US-PGPUB; USPAT	AND	ON	2008/01/18 16:50
S20	648	(348/309-311).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/01/18 16:49
S21	476	S20 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2008/01/18 17:01
S22	83	S21 and (color and register)	US-PGPUB; USPAT	AND	ON	2008/01/18 17:01
S23	51	S22 not (S18 or S14 or S10 or S4 or S7)	US-PGPUB; USPAT	AND	ON	2008/01/18 17:13
S24	123	(348/316).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/01/18 17:12
S25	114	S24 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2008/01/18 17:13
S26	29	S25 and (color and register)	US-PGPUB; USPAT	AND	ON	2008/01/18 17:13
S27	85	S25 not S26	US-PGPUB; USPAT	AND	ON	2008/01/18 17:07
S28	32	S24 and (color and register)	US-PGPUB; USPAT	AND	ON	2008/01/18 17:08
S29	561	(348/317,319,320-324).CCL.S.	US-PGPUB; USPAT	OR	OFF	2008/01/18 17:13
S30	533	S29 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2008/01/18 17:13
S31	162	S30 and (color and register)	US-PGPUB; USPAT	AND	ON	2008/01/18 17:13

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S32	99	S31 not (S22 or S24 or S18 or S14 or S10 or S4 or S7)	US-PGPUB; USPAT	AND	ON	2008/01/18 17:14
S33	1	("6972791").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/19 10:38
S34	1	("4553159").PN.	US-PGPUB; USPAT	OR	OFF	2008/01/19 11:09
S35	0	S34 and (still or video or moving)	US-PGPUB; USPAT	AND	ON	2008/01/19 11:11
S36	111915	("348").CLAS.	US-PGPUB; USPAT	OR	OFF	2008/01/19 11:11
S37	230	S36 and (ccd with cmos with (advantage or benefit))	US-PGPUB; USPAT	AND	ON	2008/01/19 11:11
S38	141	S37 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2008/01/19 11:12
S39	1	"20050068436".pn.	US-PGPUB; USPAT	AND	ON	2008/01/22 09:43
S40	1	"7005628".pn.	US-PGPUB; USPAT	AND	ON	2008/01/22 10:03
S41	67	(giuseppe same rossi).in.	US-PGPUB; USPAT	AND	ON	2008/01/22 10:11
S42	28	S41 and average	US-PGPUB; USPAT	AND	ON	2008/01/22 10:15
S43	1	"20040222351".pn. and (dark and average)	US-PGPUB; USPAT	AND	ON	2008/01/22 10:52
S44	19	(dark adj pixel\$2) adj5 bottom	US-PGPUB; USPAT	AND	ON	2008/01/22 10:52
S45	1	("5530480").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/25 10:52
S46	1	("5440343").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/25 11:58
S47	0	S46 and (mos or cmos)	US-PGPUB; USPAT	AND	ON	2008/08/25 11:58
S48	0	"20040145666".pn. and ccd	US-PGPUB; USPAT	AND	ON	2008/08/25 12:01
S49	0	"20040145666".pn. and (charge\$coupled or "charge coupled")	US-PGPUB; USPAT	AND	ON	2008/08/25 12:01
S50	8	(US-20070291150-\$ or US-20060017828-\$). did. or (US-4553159-\$ or US-6992714-\$ or US-6169577-\$ or US-6774350-\$ or US-5440343-\$ or US-4453177-\$).did.	US-PGPUB; USPAT	AND	ON	2009/02/19 13:12
S51	0	"20040145666".pn. and thinning	US-PGPUB; USPAT	AND	ON	2009/02/25 11:30
S52	1	"20040145666".pn. and thin\$5	US-PGPUB; USPAT	AND	ON	2009/02/25 11:30

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S53	2	("2002165225").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 11:47
S54	3	("2002314882").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/25 12:47
S55	47	(348/281).CQLS.	US-PGPUB; USPAT	OR	OFF	2009/05/07 16:15
S56	32	S55 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2009/05/07 16:16
S57	10	S56 and (interlac\$4)	US-PGPUB; USPAT	AND	ON	2009/05/07 16:16
S58	598	(348/302).CQLS.	US-PGPUB; USPAT	OR	OFF	2009/05/07 16:25
S59	393	S58 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2009/05/07 16:25
S60	47	S59 and (interlac\$4)	US-PGPUB; USPAT	AND	ON	2009/05/07 16:25
S61	1	"6124888".pn. and skip\$4	US-PGPUB; USPAT	AND	ON	2009/05/07 16:34
S62	1041	(348/272-277).CQLS.	US-PGPUB; USPAT	OR	OFF	2009/05/07 16:42
S63	641	S62 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2009/05/07 16:42
S64	42	S63 and (interlac\$4 same (progressive or non\$interlac\$4))	US-PGPUB; USPAT	AND	ON	2009/05/07 16:43
S65	6819	(348/272-324).CQLS.	US-PGPUB; USPAT	OR	OFF	2009/05/08 11:55
S66	4092	S65 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2009/05/08 11:55
S67	46	S66 and (select\$4 with "same" near3 color)	US-PGPUB; USPAT	AND	ON	2009/05/08 11:55
S68	22	S66 and (select\$4 with color) same (shift adj register)	US-PGPUB; USPAT	AND	ON	2009/05/08 12:38
S69	31	S66 and (first adj field) same (second adj field) same (shift adj register)	US-PGPUB; USPAT	AND	ON	2009/05/08 12:43
S70	27	S66 and (interlac\$4 same progressive\$4) same mode	US-PGPUB; USPAT	AND	ON	2009/05/08 13:35
S71	0	S66 and (shift adj register) with (every adj other)	US-PGPUB; USPAT	AND	ON	2009/05/08 13:42

## EAST Search History (Prior Art)

S72	0	(shift adj register) with (every adj other)	US-PGPUB; USPAT	AND	ON	2009/05/08 13:42
S73	0	(shift adj register) with (every near3 other)	US-PGPUB; USPAT	AND	ON	2009/05/08 13:43
S74	0	(shift near3 register) with (every near3 other)	US-PGPUB; USPAT	AND	ON	2009/05/08 13:43
S75	0	(shift near3 register) with ("every" near3 "other")	US-PGPUB; USPAT	AND	ON	2009/05/08 13:43
S76	88307	(shift adj register)	US-PGPUB; USPAT	AND	ON	2009/05/08 13:43
S77	25	(every adj other)	US-PGPUB; USPAT	AND	ON	2009/05/08 13:43
S78	547	(every near3 other)	US-PGPUB; USPAT	AND	ON	2009/05/08 13:44
S79	346	(progressive near3 mode) with (interlac\$4 near3 mode)	US-PGPUB; USPAT	AND	ON	2009/05/08 13:45
S80	138	S79 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2009/05/08 13:45
S81	18	(progressive near3 mode) with (interlac\$4 near3 mode) same color	US-PGPUB; USPAT	AND	ON	2009/05/08 13:45
S82	7	S81 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2009/05/08 13:45
S83	20	(progressive near3 mode) with (interlac\$4 near3 mode) and cmos	US-PGPUB; USPAT	AND	ON	2009/05/08 13:48
S84	79	(348/305).CCL.S.	US-PGPUB; USPAT	OR	OFF	2009/05/08 14:07
S85	68	S84 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2009/05/08 14:07
S86	176	(348/317).CCL.S.	US-PGPUB; USPAT	OR	OFF	2009/05/08 14:26
S87	154	S86 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2009/05/08 14:26
S88	146	(348/304).CCL.S.	US-PGPUB; USPAT	OR	OFF	2009/05/08 14:38
S89	131	S88 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2009/05/08 14:38
S90	89	S86 and (field with green)	US-PGPUB; USPAT	AND	ON	2009/05/08 15:32
S91	89	S90 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2009/05/08 15:32
S92	138	S79 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2009/05/08 16:12
S93	17931	(348/248-374).CCL.S.	US-PGPUB; USPAT	OR	OFF	2009/06/15 15:02
S94	28	S93 and (chang\$4 or alter\$4) near4 (readout or read\$4) near3 order	US-PGPUB; USPAT	AND	ON	2009/06/15 15:02

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S95	1	"20020145669".pn. and transistor	US-PGPUB; USPAT	AND	ON	2009/06/16 08:45
S96	17949	(348/248-374).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/06/16 10:20
S97	9832	S96 and @ad< "20030128"	US-PGPUB; USPAT	AND	ON	2009/06/16 10:21
S98	31	S97 and (mos near3 transistor) with (gate near3 line) with switch\$4	US-PGPUB; USPAT	AND	ON	2009/06/16 10:23
S99	10	(pixel adj mixture adj unit)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/01 14:41
S100	310	(pixel adj mixture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/01 14:43
S101	9	(pixel adj mixture) with "25"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/01 14:43
S102	188	(pixel adj group) with "25"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/01 14:47
S103	67	(pixel adj group) with "25" near3 pixel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/01 14:47
S104	22	S103 and @ad< "20040120"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2009/12/01 14:47

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L3	4	((operation adj switch\$4 adj circuit) with pixel).clm.	USPAT; UPAD	AND	ON	2010/04/26 17:43
L4	1	((pixel adj group) with (selection adj signal)).clm.	USPAT; UPAD	AND	ON	2010/04/26 17:44
L5	0	((continuously adj output) with ("same" adj color)).clm.	USPAT; UPAD	AND	ON	2010/04/26 17:46
L6	0	((continuously adj output) with (filter same1 color)).clm.	USPAT; UPAD	AND	ON	2010/04/26 17:46
L7	2	((continuously adj output) with (color)).clm.	USPAT; UPAD	AND	ON	2010/04/26 17:46
L8	21	((transmission adj method) with (selection signal)).clm.	USPAT; UPAD	AND	ON	2010/04/26 17:48
L9	0	((transmission adj method) with (selection adj signal)).clm.	USPAT; UPAD	AND	ON	2010/04/26 17:48
L10	3	((transmission adj method) with (selection adj signal)).clm.	USPAT; UPAD	AND	ON	2010/04/26 17:48
L11	901	(operation near2 switching near2 circuit).clm.	USPAT; UPAD	AND	ON	2010/04/26 17:49
L12	0	((operation near2 switching near2 circuit) with (pixel near group)).clm.	USPAT; UPAD	AND	ON	2010/04/26 17:49
L13	7	((operation near2 switching near2 circuit) with (pixel)).clm.	USPAT; UPAD	AND	ON	2010/04/26 17:49
L14	417	((selection near2 signal) with (order)).clm.	USPAT; UPAD	AND	ON	2010/04/26 17:51
L15	16	((selection near2 signal) with (order) with transmission).clm.	USPAT; UPAD	AND	ON	2010/04/26 17:51